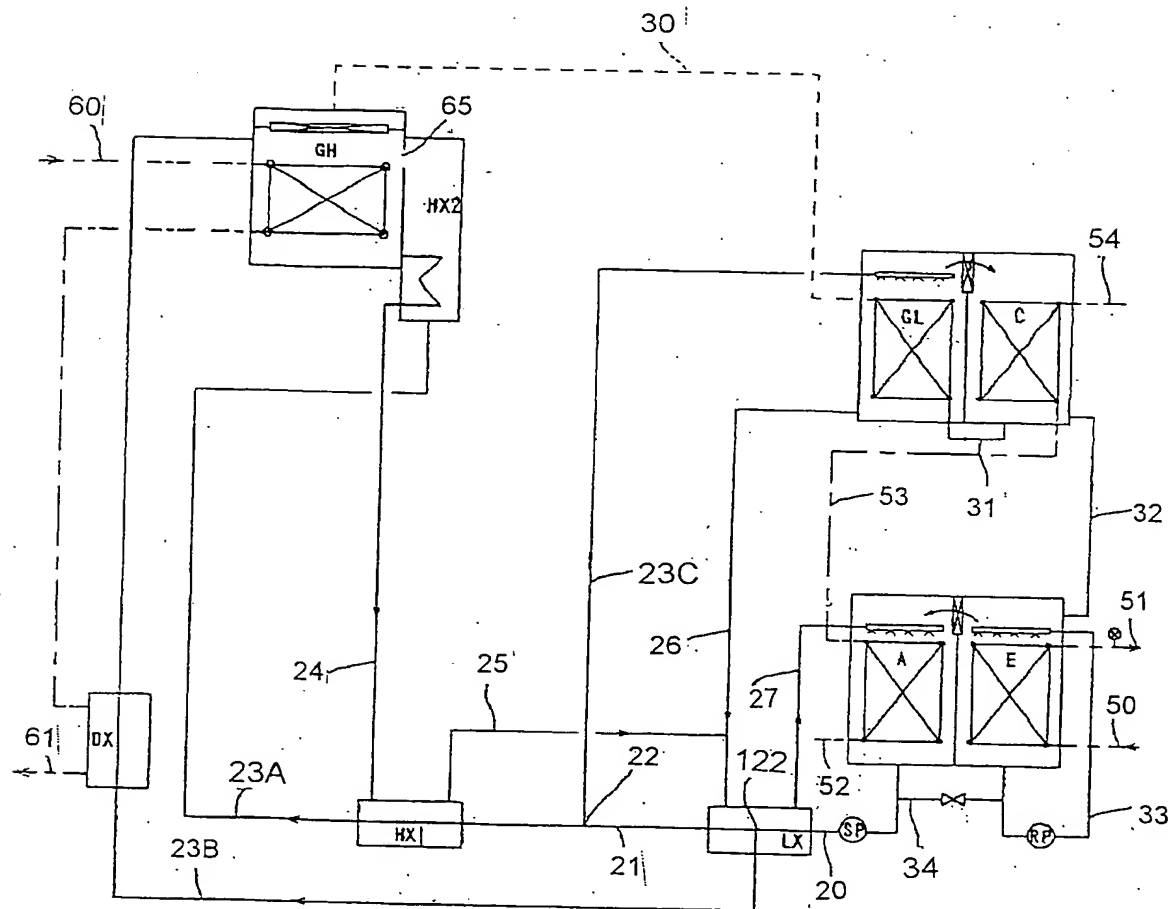


[illegible]

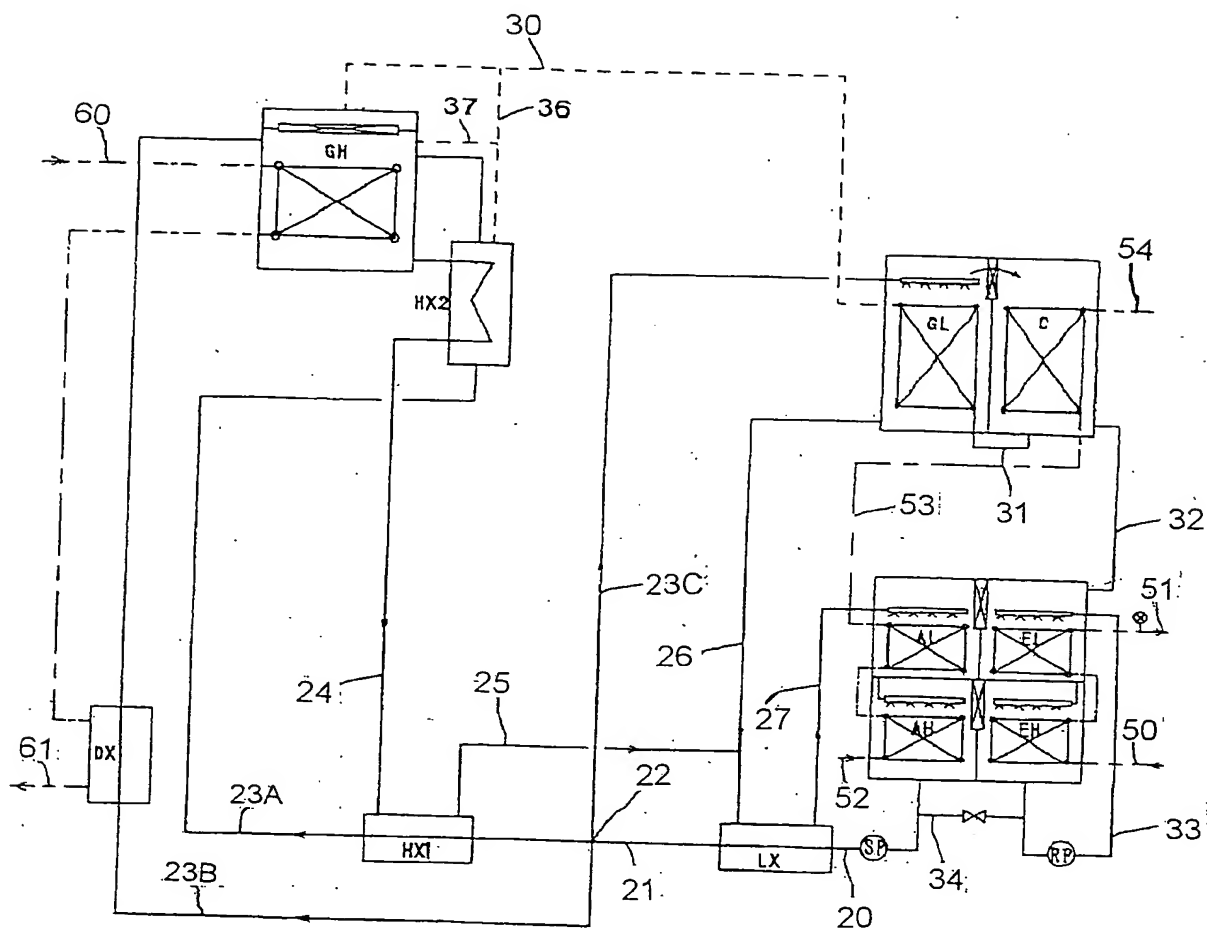
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FIG. 2



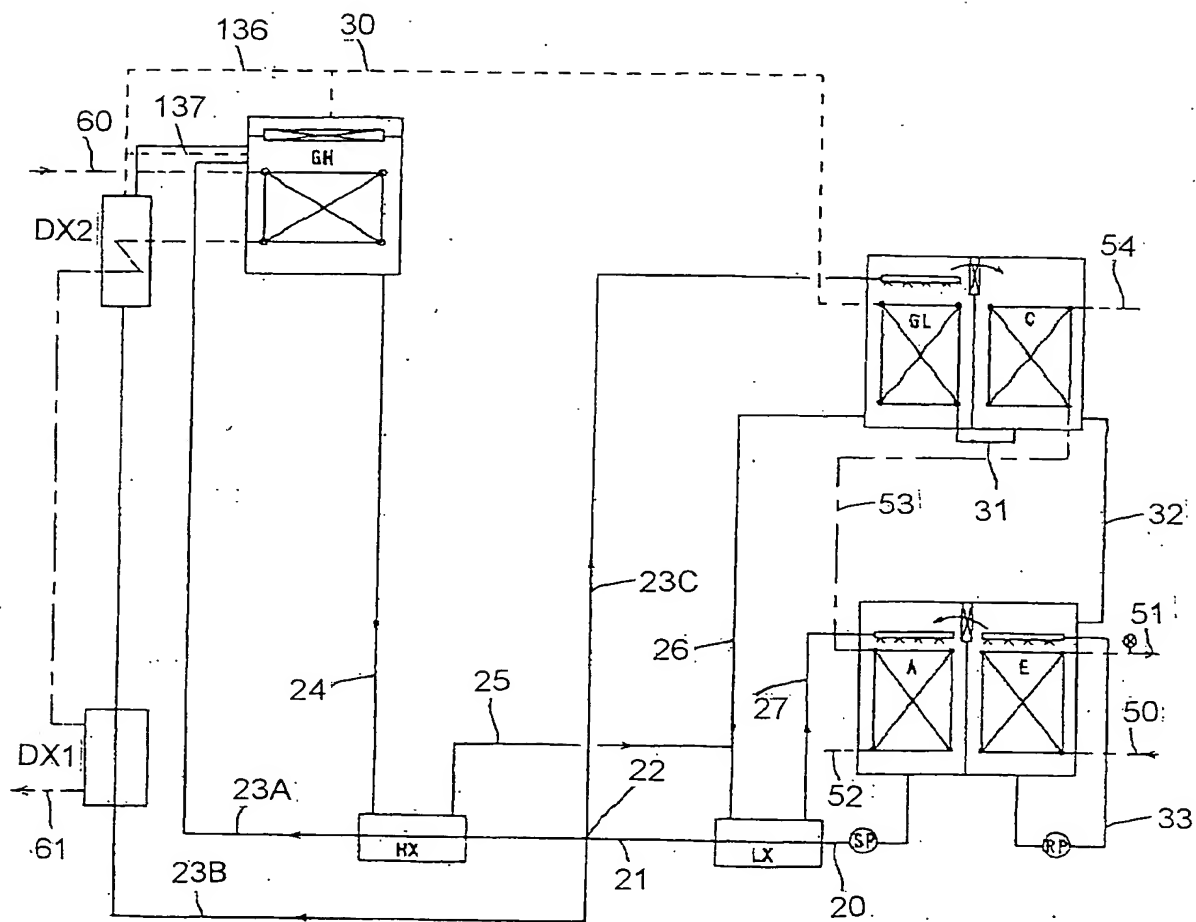
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FIG. 3



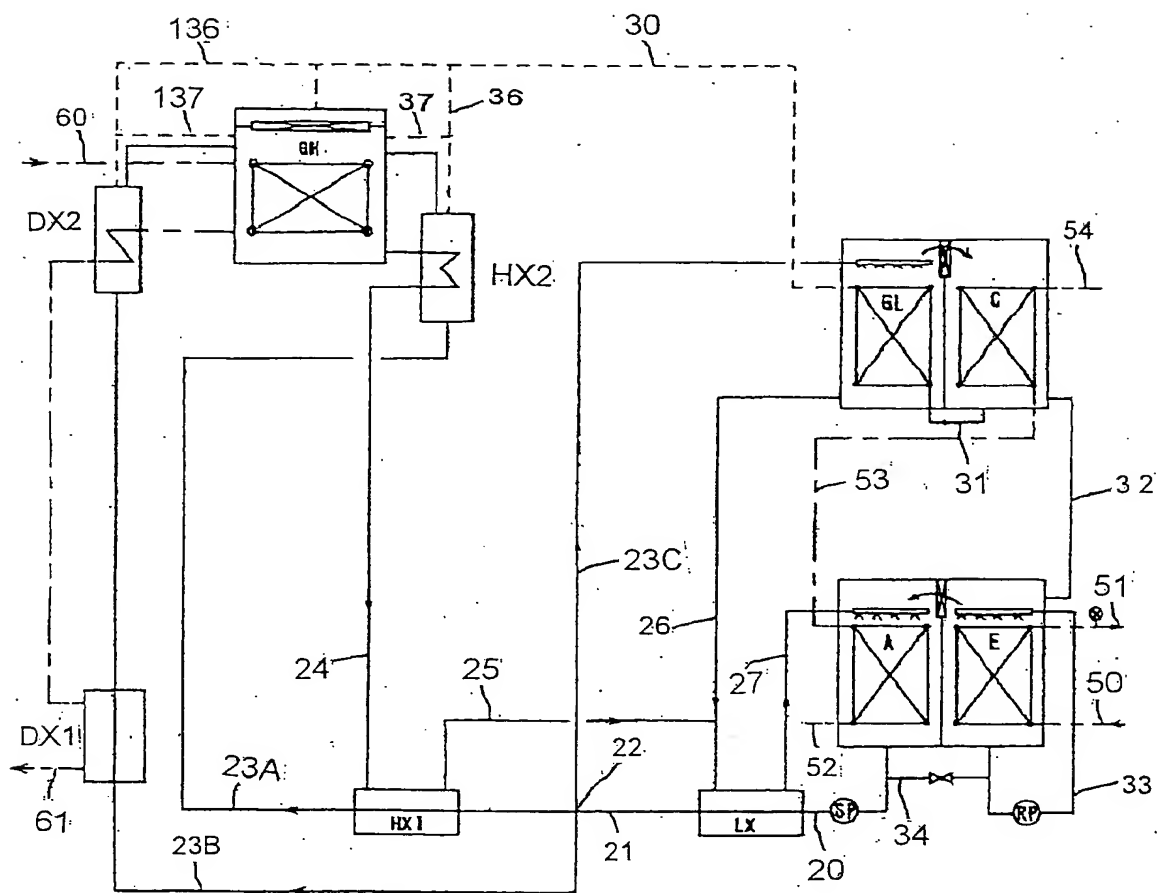
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FIG. 4



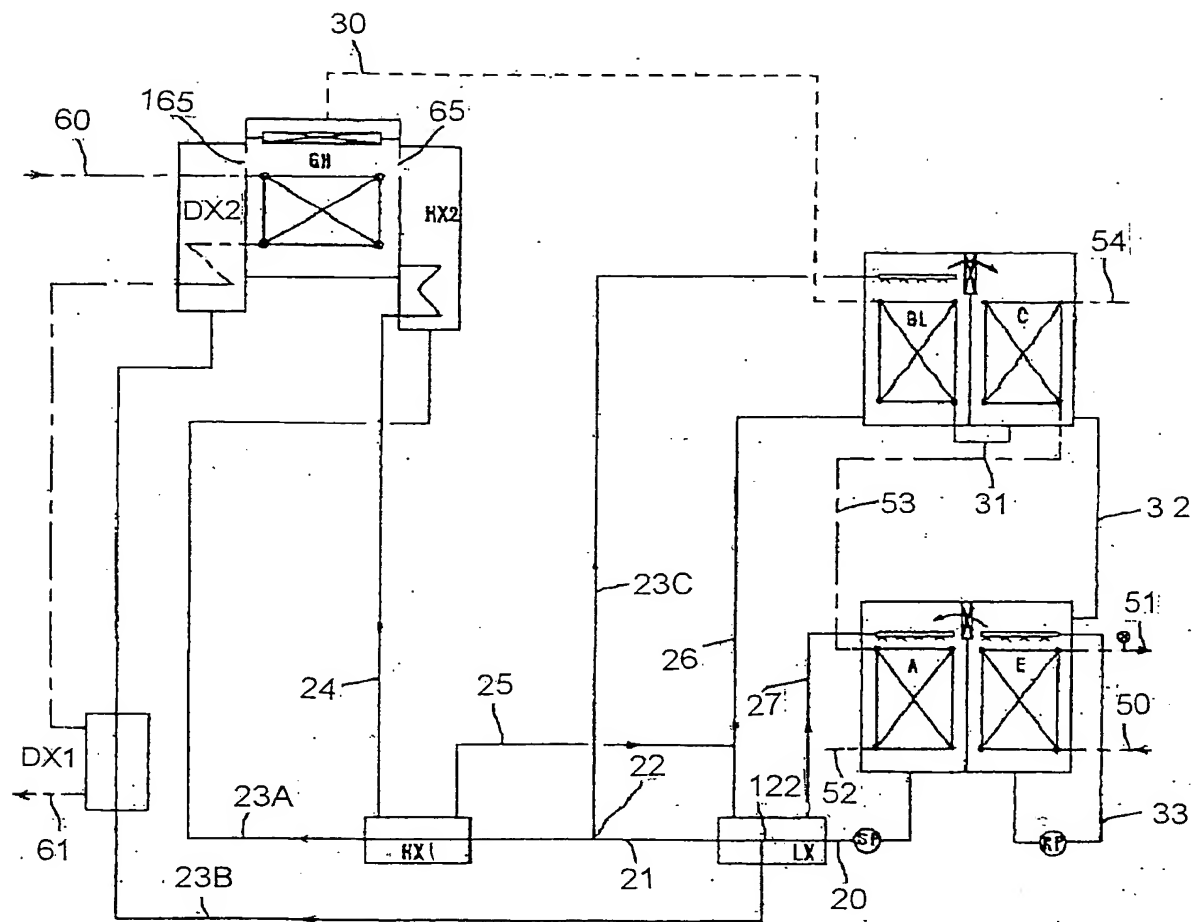
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FIG. 7



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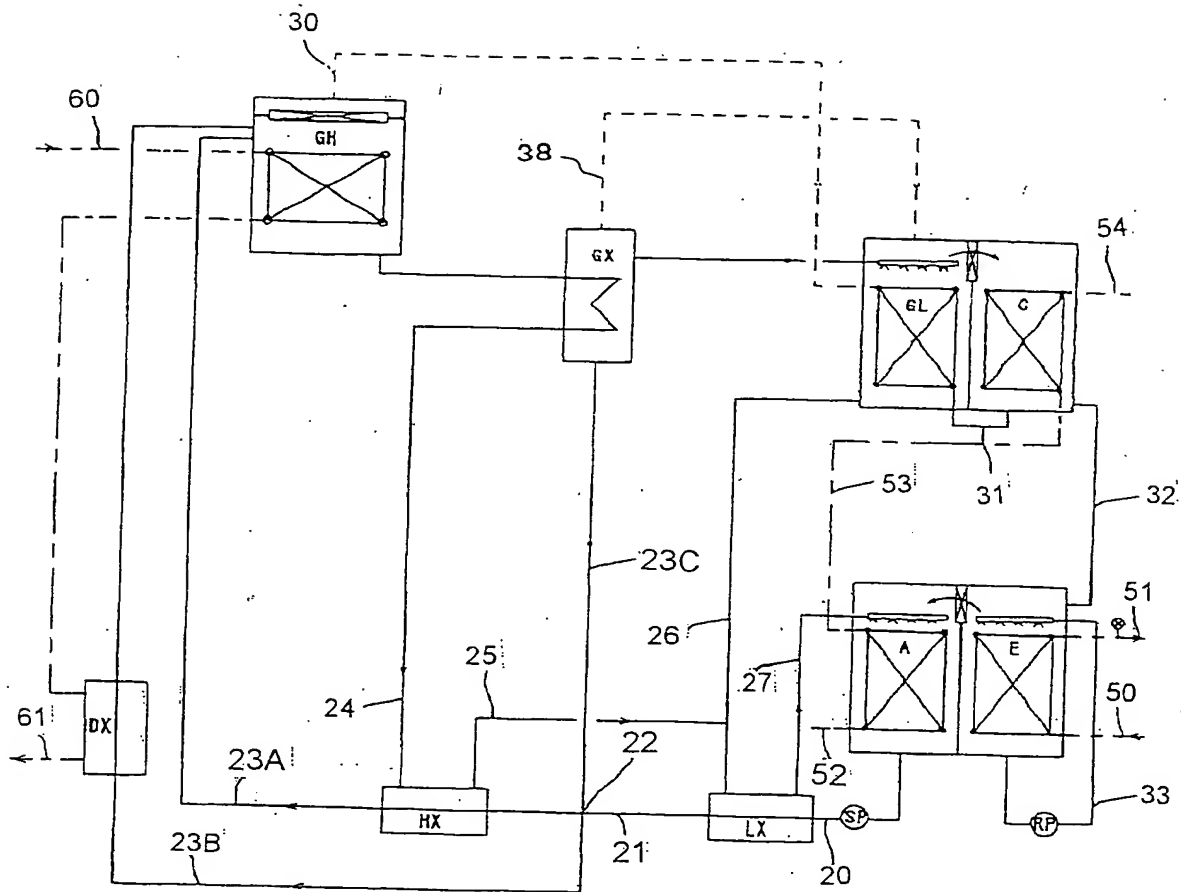
FIG. 8



[illegible]

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FIG. 10



The schematic diagram illustrates a refrigeration system with the following components and connections:

- Compressor (60):** Located at the top left, it drives the refrigerant through a main line (61) and a branch line (62).
- Heat Exchanger (GH):** A gas-liquid heat exchanger in the upper left section.
- Heat Exchanger (GX):** A gas-liquid heat exchanger in the upper right section.
- Heat Exchanger (GL):** A gas-liquid heat exchanger in the middle right section.
- Heat Exchanger (GX):** A gas-liquid heat exchanger in the lower right section.
- Heat Exchanger (A):** A gas-liquid heat exchanger in the bottom right section.
- Heat Exchanger (E):** A gas-liquid heat exchanger in the bottom right section.
- Heat Exchanger (HX):** A gas-liquid heat exchanger in the lower left section.
- Heat Exchanger (LX):** A gas-liquid heat exchanger in the bottom center section.
- Valves (21, 22, 23A, 23B, 23C, 24, 25, 26, 27):** These are control valves or expansion devices located at various points in the refrigerant lines.
- Pressure Sensors (50, 51):** Located in the lower right section of the system.
- Pressure Sensor (52):** Located in the bottom center section of the system.
- Pressure Sensor (53):** Located in the middle right section of the system.
- Pressure Sensor (54):** Located in the upper right section of the system.
- Pressure Sensor (55):** Located in the lower right section of the system.
- Pressure Sensor (56):** Located in the bottom right section of the system.
- Pressure Sensor (57):** Located in the bottom right section of the system.
- Pressure Sensor (58):** Located in the bottom right section of the system.
- Pressure Sensor (59):** Located in the bottom right section of the system.
- Pressure Sensor (60):** Located in the bottom right section of the system.
- Pressure Sensor (61):** Located in the bottom right section of the system.
- Pressure Sensor (62):** Located in the bottom right section of the system.
- Pressure Sensor (63):** Located in the bottom right section of the system.
- Pressure Sensor (64):** Located in the bottom right section of the system.
- Pressure Sensor (65):** Located in the bottom right section of the system.
- Pressure Sensor (66):** Located in the bottom right section of the system.
- Pressure Sensor (67):** Located in the bottom right section of the system.
- Pressure Sensor (68):** Located in the bottom right section of the system.
- Pressure Sensor (69):** Located in the bottom right section of the system.
- Pressure Sensor (70):** Located in the bottom right section of the system.

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FIG. 12

